

JC925 U.S. PTO  
02/07/01  
Please type a plus sign (+) inside box → +

PTO/SB/05 (11-03)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 102055-0051

First Inventor Michael Moroney et al.

Title METHOD OF AND SYSTEM FOR IMPROVING  
COMMUNICATION OVER THE INTERNETExpress Mail Label No. JC925 U.S. PTO  
02/07/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 19]
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
- Oath or Declaration [Total Pages 1]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Request and Certification under 36 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ /

Prior application Information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Labelor  Correspondence address below

Name	John F. McKenna 24267 PATENT TRADEMARK OFFICE				
Address	Cesari and McKenna 88 Black Falcon Avenue				
City	Boston	State	MA	Zip Code	02210
Country	U. S. A.	Telephone	(617) 951-2500		Fax (617) 951-3927
Name (Print/Type)	John F. McKenna		Registration No. (Attorney/Agent)	20,912	
Signature				Date	February 15, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 539)

**Complete If Known**

Application Number	Not yet assigned
Filing Date	February 7, 2001
First Named Inventor	Michael Moroney et al.
Examiner Name	Not yet assigned
Group / Art Unit	Not yet assigned
Attorney Docket No.	102055-0051

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237

Deposit Account Name CESARI AND MCKENNA, LLP

Charge Any Additional Fee  Charge the Issue Fee Set in  
Required Under 37 C.F.R. §§ 1.16 and 1.17 of the Mailing of  
the Notice of Allowance

2.  Payment Enclosed:  
 Check  Money  Other  
Order

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201	35	Utility filing fee	<span style="border: 1px solid black; padding: 2px;">355</span>
106	320	206	160	Design filing fee	<span style="border: 1px solid black; padding: 2px;"></span>
107	490	207	245	Plant filing fee	<span style="border: 1px solid black; padding: 2px;"></span>
108	710	208	355	Reissue filing fee	<span style="border: 1px solid black; padding: 2px;"></span>
114	150	214	75	Provisional filing fee	<span style="border: 1px solid black; padding: 2px;"></span>
SUBTOTAL (1) (\$)		<span style="border: 1px solid black; padding: 2px;">355</span>			

**2. EXTRA CLAIM FEES**

Total Claims	20**	=	16	×	9	=	144
Independent Claims	4	-	3**	=	1	×	40
Multiple Dependent						=	0

\*\*or number previously paid, if greater. For Reissues, see below

**Large Entity Small Entity**

Fee Code (\$)	Fee Code (\$)	Fee Description			
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	**Reissue Independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)		<span style="border: 1px solid black; padding: 2px;">184</span>			

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
105	130	205	65 Fee Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English Specification
147	2,520	147	2,520 For filing a request for reexamination
112	920	112	920* Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840*Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	390	216	195 Extension for reply within second month
117	890	217	445 Extension for reply within third month
118	1,390	218	695 Extension for reply within fourth month
128	1,890	128	945 Extension for reply within fifth month
119	310	219	155 Notice of Appeal
120	310	220	155 Filing a brief in support of an appeal
121	270	221	135 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,240	241	620 Petition to revive - unintentional
142	1,240	242	620 Utility Issue fee (or reissue)
143	440	243	220 Design Issue fee
144	600	244	300 Plant Issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	710	246	355 Filing a submission after final rejection (37 CFR 1.129(a))
149	710	249	355 For each additional invention to be examined (37 CFR 1.129(b))
Other (specify)			
Other fee (specify)			
SUBTOTAL (3) (\$)			0

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name	John F. McKenna	Complete (if applicable)
Signature		Reg. Number 20,912

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEYS DOCKET NUMBER																																																				
<b>09/7625 12</b>	<b>P05476/00</b>	<b>102055-0051</b>																																																				
		<b>CALCULATIONS PTO USE ONLY</b>																																																				
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5) ) :</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$970.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$840.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$690.00</b></p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$670.00</b></p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$96.00</b></p>																																																						
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> <b>\$ 970.00</b>																																																						
<p>Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>																																																						
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>36</td> <td>- 20 =</td> <td><b>16</b> X \$18.00 <b>\$ 288.00</b></td> </tr> <tr> <td>Independent claims</td> <td>4</td> <td>- 3 =</td> <td><b>1</b> X \$78.00 <b>\$ 78.00</b></td> </tr> <tr> <td colspan="3"><b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b></td> <td><b>+ \$260.00</b> <b>\$ -0-</b></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>TOTAL OF ABOVE CALCULATIONS</b></td> <td><b>\$ 1336.00</b></td> </tr> <tr> <td colspan="3"> <p>Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</p> </td> <td><b>\$ -0-</b></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>SUBTOTAL =</b> <b>\$ 1336.00</b></td> <td></td> </tr> <tr> <td colspan="3"> <p>Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p> </td> <td><b>\$ -0-</b></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>TOTAL NATIONAL FEE =</b> <b>\$ 1336.00</b></td> <td></td> </tr> <tr> <td colspan="3"> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p> </td> <td><b>+ \$ -0-</b></td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>TOTAL FEES ENCLOSED =</b> <b>\$ 1336.00</b></td> <td></td> </tr> <tr> <td colspan="3"></td> <td><b>Amount to be refunded:</b> <b>\$</b></td> </tr> <tr> <td colspan="3"></td> <td><b>charged:</b> <b>\$</b></td> </tr> </tbody></table>			CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	36	- 20 =	<b>16</b> X \$18.00 <b>\$ 288.00</b>	Independent claims	4	- 3 =	<b>1</b> X \$78.00 <b>\$ 78.00</b>	<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>			<b>+ \$260.00</b> <b>\$ -0-</b>	<b>TOTAL OF ABOVE CALCULATIONS</b>			<b>\$ 1336.00</b>	<p>Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</p>			<b>\$ -0-</b>	<b>SUBTOTAL =</b> <b>\$ 1336.00</b>				<p>Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>			<b>\$ -0-</b>	<b>TOTAL NATIONAL FEE =</b> <b>\$ 1336.00</b>				<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>			<b>+ \$ -0-</b>	<b>TOTAL FEES ENCLOSED =</b> <b>\$ 1336.00</b>							<b>Amount to be refunded:</b> <b>\$</b>				<b>charged:</b> <b>\$</b>
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<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$ 1336.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1237</u>. A duplicate copy of this sheet is enclosed.</p>																																																						
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>																																																						
<p>SEND ALL CORRESPONDENCE TO:</p> <p><b>John F. McKenna Cesari and McKenna 88 Black Falcon Ave. Boston, MA 02210 (617) 951-2500</b></p>																																																						
<p>SIGNATURE:   <b>John F. McKenna</b>  NAME _____</p>																																																						
<p><b>20,912</b>  REGISTRATION NUMBER</p>																																																						



JO C'd PCT/PTO 07 FEB 2001

PCT  
4

FORM PTO-1390  
(REV 12-29-99)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMISSION LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

102055-0051

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/7625 12

INTERNATIONAL APPLICATION NO.  
PQ5476/00

INTERNATIONAL FILING DATE  
7 February 2000

PRIORITY DATE CLAIMED  
7 February 2000

TITLE OF INVENTION

METHOD OF AND SYSTEM FOR IMPROVING COMMUNICATION OVER THE INTERNET

APPLICANT(S) FOR DO/EO/US

Moroney, Michael and Quinn, Matthew

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  Other items or information:

PATENTS  
102055-0051

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
Micheal Moroney et al. )  
Serial No.: Not yet assigned )  
Filed: February 7, 2001 )  
For: METHOD OF AND SYSTEM FOR )  
IMPROVING COMMUNICATION )  
OVER THE INTERNET )

Examiner: Not yet assigned

Art Unit: Not yet assigned

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
February 7, 2001

EXPRESS-MAIL DEPOSIT

“Express Mail” Mailing-Label Number: EL705602409US

The following papers are being deposited with the United States Postal Service  
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

Patent Application ( 19 pages including 36 claims )  
 ~~Form~~ Drawing ( 5 sheets )  Check in the amount of \$1336.00  
 Form PTOL-1390

## CESARI AND MCKENNA, LLP

ROBERT A. CESARI  
 JOHN F. MCKENNA  
 MARTIN J. O'DONNELL  
 THOMAS C. O'KONSKI  
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 RITA M. ROONEY  
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 HOWARD S. FUHRMAN\*\*  
 MICHAEL J. BADZINSKI  
 KATHLEEN CHAPMAN

\*ADMITTED IN GA., TENN., AND R.I. ONLY

\*\*ADMITTED IN ILL. ONLY

ATTORNEYS AT LAW  
 88 BLACK FALCON AVENUE  
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(617) 951-2500 Ext 3059

INTELLECTUAL PROPERTY  
AND RELATED  
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 EDWIN H. PAUL  
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## FACSIMILE COVER SHEET

102055-51

DATE: February 15, 2001

TOTAL PAGES WITH COVER: 3

TO: Ms. Donna Green

FIRM: PTO

FACSIMILE NUMBER: (703) 305-3230

TELEPHONE NUMBER: (703) 305-3619

FROM: John F. McKenna

## COMMENTS:

**Re: Patent application in the Name of Michael Moroney and Matthew Quinn, filed February 7, 2001 for METHOD OF AND SYSTEM FOR IMPROVING COMMUNICATION OVER THE INTERNET**

Dear Ms. Green:

An incorrect cover sheet was inadvertently enclosed with the above application. The application is a regular US application claiming priority from Australian Provisional application PQ5476/00.

Enclosed is a correct cover sheet for the application. Please route the case accordingly.

## SPECIAL INSTRUCTIONS:

If you do not receive all pages, or you are not the intended recipient, please contact us at (617) 951-2500 as soon as possible.